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**1** [Visualization in network topology optimization](#)

Hong Liu, Donald Hockney

April 1992 **Proceedings of the 1992 ACM annual conference on Communications**

Full text available: [pdf \(708.69 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The intrinsic complexity and the geometric nature of network topology optimization lends itself to visual human-computer interaction. We have applied techniques of scientific visualization to all the aspects of network design, and have designed graphical user interface which takes full advantage of human expertise in the context of automated design processes.

**2** [Session T-15: Graphical visualization of the topology of token ring network](#)


Sunghee Ihm, D. V. Pigford

February 1989 **Proceedings of the 17th conference on ACM Annual Computer Science Conference**

Additional Information: [full citation](#), [abstract](#)

The purpose of this program is to visualize the operation of a token ring. The software has two parts; the first part explains the topology of the token ring network (frame format, multiple bridges and gate), and the second part depicts data transmission in single and multiple structures. The software is written in Pascal for IBM-AT's attached to a token ring network.

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